

**METHOD AND APPARATUS FOR  
MOLD TEMPERATURE CONTROL USING AIR**

**ABSTRACT**

A method and apparatus for controlling the temperature of an  
5 injection mold passes pressurized air contained in an air supply tube  
through an orifice into an exhaust channel, wherein the pressure of the air  
in the exhaust channel is lower than the pressure of the air in the air  
supply tube. As the pressurized air is released through the orifice, cooling  
is produced that can be applied to a portion of an injection mold where  
10 cooling is desired, in order to control the temperature of that portion of  
the injection mold.